Category 4 – Not Attaining (Impaired)

These assessment units are not attaining one or more designated use and are considered impaired for permitting and other regulatory actions. TMDL development is not needed at this time.

4A = TMDL completed and being implemented
4B = Alternative pollutant control requirements
4C = Impairment not caused by a pollutant
4N = Impairment solely due to natural conditions (separate list)

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUB CATEGORY	PLANNING LIST - EXCEEDANCES
BILL WILLIAMS WATERSHED				
Boulder Creek From Wilder Creek to Butte Creek 15030202-005A	1.4 mi	Arsenic, copper, zinc Beryllium, manganese, low pH	4A 4B	
Boulder Creek From Butte Creek to Copper Creek 15030202-005B	1.6 mi	Arsenic	4A	
COLORADO – GRAND CANYON WATERSHED				
COLORADO – LOWER GILA WATERSHED				
LITTLE COLORADO WATERSHED				
Little Colorado River From West Fork Little Colorado River to Water Canyon Creek 15020001-011	19.8 mi	Sediment/turbidity	4A	
Little Colorado River From Water Canyon Creek to Nutrioso Creek 15020001-010	3.8 mi	Sediment/turbidity	4A	
Little Colorado River From Nutrioso Creek to Carnero Creek 15020001-009	12.1 mi	Sediment/turbidity	4A	
Little Colorado River From Coyote Creek to Lyman Lake 15020001-005	3.4 mi	Sediment/turbidity	4A	
Nutrioso Creek From Nelson Reservoir to Picnic Creek 15020001-017B	13.5 mi	Sediment/turbidity	4A	
Nutrioso Creek From Picnic Creek to Little Colorado River 15020001-015	3.5 mi	Sediment/turbidity	4A	
Rainbow Lake 15020005-1170	110 a	Narrative nutrients, low dissolved oxygen, and high pH	4A	
MIDDLE GILA WATERSHED				
Cash Mine Creek From headwaters to Hassayampa River 15070103-349	1 mi	Cadmium, copper, zinc	4A	Lead
Unnamed tributary to Cash Mine Creek From headwaters to Cash Mine Creek 15070103-415	1 mi	Cadmium, copper, zinc	4A	Beryllium, lead, selenium
French Gulch From headwaters to Hassayampa River 15070103-239	9.8 mi	Cadmium, copper, zinc	4A	
Hassayampa River From headwaters to Copper Creek 15070103-007A Also in Category 5 due to low pH	11 mi	Cadmium, copper, zinc	4A	Lead, selenium
Turkey Creek From unnamed tributary to Poland Creek 15070102-036B	21 mi	Copper, lead	Copper and lead	Mercury and suspended sediments

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUB CATEGORY	PLANNING LIST EXCEEDANCES
SALT WATERSHED				
Christopher Creek From headwaters to Tonto Creek 15060105-353 Also in Category 5 due to phosphorus	8 mi	*E. coli*	4A	
Gibson Mine Tributary From headwaters to Pinto Creek 15060103-887	1 mi	Copper	4A	
Pinto Creek From headwaters to tributary at 331927/1105456 15060103-018A	2.5 mi	Copper	4A	Low pH
Pinto Creek From tributary at 331927/1105456 to W. Fork Pinto Cr. 15060103-018B	15.3 mi	Copper	4A	Selenium, zinc
Pinto Creek From West Fork Pinto Creek to Roosevelt Lake 15060103-018C Also in Category 5 due to selenium	17.8 mi	Copper	4A	
Tonto Creek From headwaters to tributary at 341810/1110414 15060105-013A Also in Category 5 due to phosphorus and low dissolved oxygen	8.1 mi	Nitrogen, *E. coli*	4A	
Tonto Creek From tributary at 341810/1110414 to Haigler Cr. 15060105-013B	8.5 mi	Nitrogen, *E. coli*	4A	
SAN PEDRO WATERSHED				
SANTA CRUZ WATERSHED				
Alum Gulch From headwaters to 312820/1104351 (beginning of intermittent flow) 15050301-561A	0.3 mi	Cadmium, copper, zinc, low pH	4A	
Alum Gulch From 312820/1104351 to 312917/1104425 (intermittent flow) 15050301-561B	1.4 mi	Cadmium, copper, zinc, low pH	4A	
Arivaca Lake 15050304-0080	118 a	Mercury in fish tissue	4A	
Cox Gulch From headwaters to Three R Canyon 15050301-560	16.3 mi	Cadmium, copper, zinc, low pH	4A	Beryllium
Unnamed trib to Cox Gulch From headwaters to Cox Gulch 15050301-890	1 mi	Cadmium, copper, zinc, low pH	4A	
Harshaw Creek From headwaters to Sonoita Creek 15050301-025	14.4 mi	Copper, low pH	4A	
Unnamed tributary to Harshaw Creek (Endless Chain Mine tributary) 15050301-888	2 mi	Copper, low pH	4A	
Humboldt Canyon From headwaters to Alum Gulch 15050301-340	2 mi	Copper, pH	4A	
Lakeside Lake 15050302-0760	15 a	Ammonia, low dissolved oxygen, high pH	4A	
Pena Blanca Lake 15050301-1070	50 a	Mercury in fish tissue	4A	Low dissolved oxygen, high pH
Three R Canyon From headwaters to 312835/1104619 (where intermittent flow begins) 15050301-558A	0.9 mi	Cadmium, copper, zinc, low pH	4A	

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUB CATEGORY	PLANNING LIST EXCEEDANCES
Three R Canyon From 312835/1104619 to 312827/1104712 15050301-558B	1 mi	Cadmium, copper, zinc, low pH	4A	
Three R Canyon From 312827/1104712 to Sonoita Creek 15050301-558C	3 mi	Cadmium, copper, zinc, low pH	4A	
Unnamed tributary to Three R Canyon From headwaters to Three R Canyon 15050301-889	2 mi	Cadmium, copper, zinc, low pH	4A	
UPPER GILA WATERSHED				
Luna Lake 15040004-0840	120 a	Narrative nutrients, low dissolved oxygen, high pH	4A	Lead
VERDE WATERSHED				
Pecks Lake 15060202-1060	95 a	Narrative nutrients, low dissolved oxygen, high pH	4A	
Stoneman Lake 15060202-1490	125 a	Narrative nutrients, low dissolved oxygen, high pH	4A	
Verde River From Munds Draw to Railroad Draw 15060202-037	10.7 mi	Sediment/turbidity	4A	
Verde River From Sycamore Creek to Oak Creek 15060202-025	25.2 mi	Sediment/turbidity	4A	
Verde River From Oak Creek to Beaver Creek 15060202-015	12.2 mi	Sediment/turbidity	4A	
Verde River From Beaver Creek to HUC boundary 15060203 15060202-001	1.1 mi	Sediment/turbidity	4A	
Verde River From HUC boundary 15060203 to West Clear Cr 15060203-027	6.4 mi	Sediment/turbidity	4A	
Verde River From West Clear Creek to Fossil Creek 15060203-025	23.6 mi	Sediment/turbidity	4A	

Category 4A, 4B, or 4C – Not Attaining (TMDL development is not necessary at this time)**:**

Total # of lakes (*acres*): 7 (*63.3*)

Total # of stream reaches (*miles*): 36 (*289.2*)

Subcategory 4N = Not Attaining *Solely* Due to Natural Conditions

These waters are not attaining standards solely due to natural conditions (no anthropogenic influences) and are to be protected as Tier 1 surface waters under Antidegradation Rules. Human activities or discharges will not be allowed to provide further loadings of the parameter of concern. (See Antidegradation R18-11-107). The assessment statistics do not include these waters, as this category is not used by EPA or other states. All of these waters are also listed in other categories.

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles/acres)	CAUSES OF IMPAIRMENT	SUBCATEGORY
BILL WILLIAMS WATERSHED			
COLORADO – GRAND CANYON WATERSHED			
Matkatamiba Creek From headwaters to Colorado River 15010002-935	12.5 mi	Selenium from spring sources	Arizona – 4N
Monument Creek From headwaters to Colorado River 15010002-845	3.5 mi	Selenium from spring sources	Arizona – 4N
Royal Arch Creek From headwaters to Colorado River 15010002-871	5.1 mi	Selenium from spring sources	Arizona – 4N
COLORADO – LOWER GILA WATERSHED			
LITTLE COLORADO WATERSHED			
MIDDLE GILA WATERSHED			
SALT WATERSHED			
Ellis Ranch Tributary From headwaters to Pinto Creek 15060103-888	1 mi	Copper	Arizona – 4N
JK Mountain Tributary From headwaters to Pinto Creek 15060103-873	1.1 mi	Copper	Arizona – 4N
Mead Canyon From headwaters to Pinto Creek 15060103-889	2.4 mi	Copper	Arizona – 4N
SAN PEDRO WATERSHED			
SANTA CRUZ WATERSHED			
UPPER GILA WATERSHED			
Dankworth Ponds 15040005-0440	8 a	Low dissolved oxygen due to ground water upwelling.	Arizona – 4N
Roper Lake 15040005-1250	25 a	Low dissolved oxygen due to ground water upwelling.	Arizona – 4N
VERDE WATERSHED			
Granite Basin Lake 15060202-0580	7 a	Low dissolved oxygen due to lake turnover.	Arizona – 4N

Category 4N – Not Attaining Solely due to Natural Conditions (TMDL development is not necessary)**:**

Total # of lakes (*acres*): 3 (*40*)

Total # of stream reaches (*miles*): 6 (*25.6*)